



CITY OF HUNTINGTON PARK

Police Department City Council Agenda Report

November 6, 2018

Honorable Mayor and Members of the City Council
City of Huntington Park
6550 Miles Avenue
Huntington Park, CA 90255

Dear Mayor and Members of the City Council:

CONSIDERATION AND APPROVAL OF AN AGREEMENT WITH KNIGHTSCOPE INC. FOR A SERVICE SUBSCRIPTION FOR A K5 MODEL AUTONOMOUS ROBOT AND SOFTWARE

IT IS RECOMMENDED THAT THE CITY COUNCIL:

1. Authorize the City Manager to execute a Machine-as-a-Service Subscription Agreement between Knightscope Inc. and the City of Huntington Park for a term of 1 year, with automatic 1 year renewals, until either party decides to terminate the agreement with proper notice in accordance with the termination clause of the agreement;
2. Authorize the City Manager to acquire the K5 robot and deploy the robot in the community for enhanced public safety and data collection service in areas of the community deemed beneficial from use of the K5 robot.

BACKGROUND

The City of Huntington Park primarily relies on public safety personnel and city staff to provide safety for its residents and maintain the best possible quality of life environment throughout the community. To enhance the efforts of public safety personnel and city staff, technology systems in the form of fixed video surveillance cameras and license plate readers are utilized in various highly attended or travelled areas of the community, including city parks, retail district(s), public buildings, and public parking lots. While the fixed technology systems aid in monitoring areas, recording activity, and gathering data, they are limited from providing expanded, or mobile, service due to their fixed nature and limited lens view range.

In effort to alleviate demand on public safety personnel and city staff from continuing to meet the growing demand for policing high activity and crime areas in the community, and to expand the use of technology to improve safety and quality of life, staff is

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recommending the purchase of a service agreement with Knightscope Inc., to acquire the service of a K5 autonomous robot.

The K5 is a 400 pound, 5'2" tall, autonomous, highly sophisticated, technological security robot that roves any paved or smooth surface area. The K5 is ideal for enhancing security in public parks, parking lots, public buildings, and shopping areas. The K5 is constantly on the prowl for suspicious activity and is a visual deterrent to would-be troublemakers and criminals. Having the appearance of something from outer-space or a science-fiction movie, the K5 is equipped with a multitude of sensors. One system being a LDAR (Light Detection and Ranging) array of sensors. Cameras that help the K5 differentiate between a harmless passer-by and potential criminal is also a beneficial feature. The K5 technology feeds all recorded data to the cloud for storage and future review.

The K5 is a modern day compliment to human public safety personnel, which helps fill in the gaps where public safety personnel or city staff cannot be at all times. Knightscope calls the K5 robot a "fully autonomous security data machine" – which fills in the blind spots – where cities and police departments do not have the resources to police. The K5 can also improve public safety personnel and city staff safety by identifying dangerous or risky situations and even suspicious individuals. The K5 functions well in safe or risky environments and produces valuable data for analysis and intelligence gathering.

Knightscope's secret to the K5 robot is simply sensors – lots of them. The K5 is equipped with high quality infrared cameras capable of making out license plates and it also features onboard wireless technology capable of identifying smartphones within its range, down to the MAC and IP addresses. The K5 technology can additionally place individual smartphones, faces, and even cars on a "black" or "unwanted" list. Once on the list, if the K5 detects an unwanted violator the company sends an alert signal.

Knightscope can store K5 data for as long as clients wish, but the typically the storage period is two weeks unless otherwise requested by the client, (per terms of the agreement). The K5 can upload more than 90 terabytes of data a year via Wi-Fi and cellular signal. The K5 is ideal for indoor or outdoor use and even in inclement weather.

Following are some of the valuable features of the K5 robot;

- ◆ On-duty 24/7 – is never late for work and takes no vacations
- ◆ Captures an incredible amount of data
- ◆ 360 degree camera view
- ◆ License plate recognition – (with blacklist database)

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- ◆ High quality video recording
- ◆ Detects objects and people around it
- ◆ Built-in intercom for live broadcasting
- ◆ Can play pre-recorded messages in English and Spanish
- ◆ Can play seasonal music
- ◆ Thermal recognition and anomaly detection
- ◆ Fire detection

The K5 robot is custom designed with individual preferences, such as route and desired functions. The K5 can also detect how long a vehicle has been parked at a specific location, which can help with identifying suspicious activity or the need for parking violation(s) enforcement. The K5 software is alert driven and does not require an employee to monitor the K5 activities throughout the day.

FACTS AND PROVISIONS / LEGAL REQUIREMENTS

The proposed agreement is exempt from the competitive bidding and selection process pursuant to Huntington Park Municipal Code section 2-5.14 / Sole Source Vendors, which states that the formal bidding process shall be waived in areas where only a single vendor can reasonably provide the service, product or project being purchased.

The K5 robot is an exclusive product of Knightscope Inc. and contains proprietary software owned exclusively by Knightscope Inc. No other vendor can offer the K5 robot or the associated software to operate the robot.

Included in the service agreement are software updates, maintenance, and remote technological assistance by expert K5 technicians.

Please reference the attached agreement for legal and procedural considerations associated with the agreement.

FISCAL IMPACT

The total fiscal impact for this expenditure, for the first three (3) years, is \$240,000. In order to offset the impact to the City's General Fund, various funding sources can be considered for this expenditure, such as county, state, or federal grants and/or asset forfeiture revenues. The primary account designated for this expenditure will be the Police Forfeiture Fund. The Fiscal Year 2018-19 Operating Budget contains an appropriation for the first year. The payment detail is shown below.

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Payment Agreement	Monthly Amount	Annual Amount
Year 1	6,000	72,000
Year 2	6,000	72,000
Year 3	6,000	72,000
Initial Set-up	(one-time fee)	24,000
	Total:	\$240,000

The above pricing includes the following package:

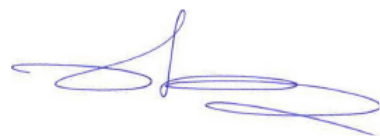
- ◆ 1– K5 Robot
- ◆ 1 – Ultra HD Video
- ◆ 1 – Parking Monitor Package
- ◆ 1 – Interactions Package
- ◆ 1 – After Hours Package
- ◆ 2 – Charge Pads

The expanded terms and conditions of the cost and equipment are contained in the attached proposed agreement for Council's review.

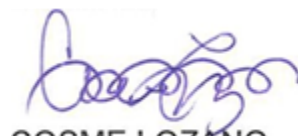
CONCLUSION

Upon Council approval, staff will proceed with recommended actions.

Respectfully submitted,



RICARDO REYES
City Manager



COSME LOZANO

- A. Machine-As-A-Service Subscription Agreement
- B. K5 Brochure